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1	BRS	L1	311	laser and mirror and guided near2 mode and grating and filter	USPAT; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB	2003/10/2 3 15:46	
2	BRS	L2	28	laser and mirror and guided near2 mode near3 grating and filter	USPAT; US-P GPUB ; EPO; JPO; DERW ENT; IBM_ TDB	2003/10/2 3 15:46	



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Hatori (43) Pub. Date: **Sep. 6, 2001**(54) **LIGHT WAVELENGTH CONVERSION  
MODULE**

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(57) **ABSTRACT**

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The present invention provides a light wavelength conversion module in which an output light amount of a light wavelength conversion element increases monotonically as a driving current of a semiconductor laser increases. The light wavelength conversion module includes the semiconductor laser having an external resonator provided with a narrow band-pass filter, and the light wavelength conversion element for converting a laser beam emitted from the semiconductor laser to a second harmonic wave. A semiconductor laser, which emits a laser beam including a plurality of longitudinal mode spectra within an acceptable wavelength band of the light wavelength conversion element, is used in the light wavelength conversion module.

